aws access details see in my parolebis bunkershi

in aws I choose ireland as region.

in aws i create Debian instance

name of instance – berishvili-windows-app (for windows instance) // berishvili-linux-app (for linux instance)

i need to create key-pair (for connection to that instance)

key-pair name - berishvili-key // for new -2023 server- berishvili-2023-key////

for new linux -2023 server- berishvili\_app\_linux\_key //

Key pair type - RSA

Private key file format –

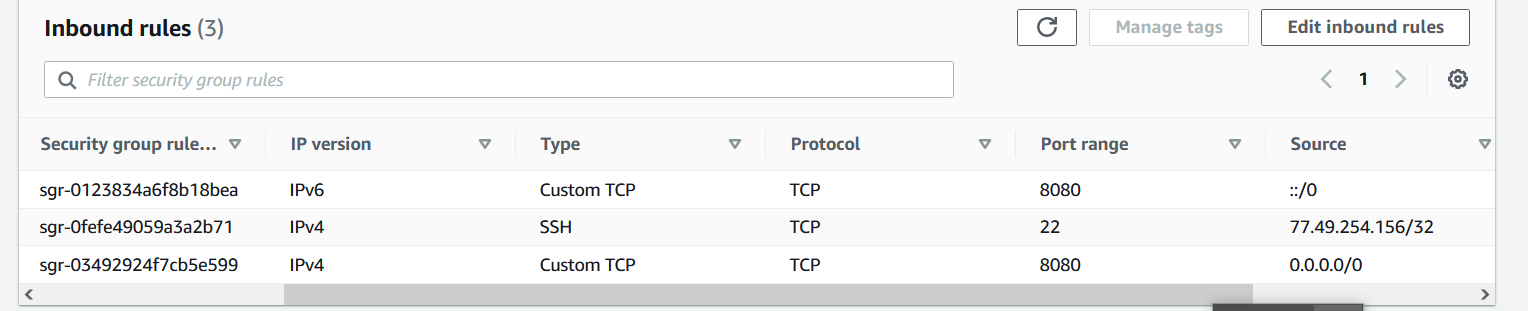
.pem (for windows app –for remote desktop-you will need this file to decrypt password for remote desktop)

.ppk (for linux app -for PuTTY)

SOS -- the key will be downloaded at the moment of creation , find it in downloads and keep it

define traffic rules(inbound rules), either during instance creation or after that (ssh connection at starting, the rest better define after, but define, otherwise you cant connect to instance from outside)

SOS -- allow ssh trafic only from my IP, and 2 other u can have from anywhere



then you connect to the instance with putty

in Name you enter publicip of instance (for examlpe ec2-34-242-160-54.eu-west-1.compute.amazonaws.com)

port 22

click SSH -> Auth

browse to the downloaded key pair (in .ppk format) in this case berishvili-key

and then open

when putty connects with instance, type admin and enter and you are in

how to install HTOP

1. Open the terminal application for the local system. ...
2. Update your Ubuntu system, run: sudo apt update && sudo apt upgrade.
3. Install htop on Ubuntu using apt: apt install htop.
4. To install the latest version of htop on Ubuntu Linux: snap install htop.
5. Launch htop, type: htop.

create swap for linux - <https://linuxize.com/post/how-to-add-swap-space-on-debian-10/>

Article Creating a Swap File #

SOS Create 4G swap

Install jre – jdk and tomcat –

See these for help, important if you want to install java 8

<https://www.digitalocean.com/community/tutorials/how-to-install-apache-tomcat-10-on-ubuntu-20-04> BUT SOOOOOS, YOU NEED TOMCAT 9, BECAUSE WITH 10 MY APP DOSNOT WORK

<https://www.vultr.com/docs/how-to-manually-install-java-8-on-ubuntu-16-04/>

https://askubuntu.com/questions/207552/no-such-file-or-directory-when-invoking-java

SOS in configuration tomcat

sudo nano /opt/tomcat/conf/tomcat-users.xml

this file should look exactly this way

<?xml version="1.0" encoding="UTF-8"?>

<!--

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limitations under the License.

-->

<tomcat-users xmlns="http://tomcat.apache.org/xml"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://tomcat.apache.org/xml tomcat-users.xsd"

version="1.0">

<!--

NOTE: By default, no user is included in the "manager-gui" role required

to operate the "/manager/html" web application. If you wish to use this app,

you must define such a user - the username and password are arbitrary. It is

strongly recommended that you do NOT use one of the users in the commented out

section below since they are intended for use with the examples web

application.

-->

<!--

NOTE: The sample user and role entries below are intended for use with the

examples web application. They are wrapped in a comment and thus are ignored

when reading this file. If you wish to configure these users for use with the

examples web application, do not forget to remove the <!.. ..> that surrounds

them. You will also need to set the passwords to something appropriate.

-->

<role rolename="admin-gui,manager-gui"/>

<user username="TomyXLeJones44" password="paleVoga32" roles="admin-gui,manager-gui"/>

</tomcat-users>

Here are user name and password, that you will need to sign in after into site management console

And then

sudo nano /opt/tomcat/webapps/manager/META-INF/context.xml

this file should look exactly like

<?xml version="1.0" encoding="UTF-8"?>

<!--

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-->

<Context antiResourceLocking="false" privileged="true" >

<CookieProcessor className="org.apache.tomcat.util.http.Rfc6265CookieProcessor"

sameSiteCookies="strict" />

<!-- <Valve className="org.apache.catalina.valves.RemoteAddrValve"

allow="127\.\d+\.\d+\.\d+|::1|0:0:0:0:0:0:0:1" /> -->

<Manager sessionAttributeValueClassNameFilter="java\.lang\.(?:Boolean|Integer|Long|Number|String)|org\.apache\.catalina\.filters\.CsrfPreventionFilter\$LruCache(?:\$1)?|java\.util\.(?:Li$

</Context>

Red part is where lies difference

Then do the same for sudo nano /opt/tomcat/webapps/host-manager/META-INF/context.xml

I mean you comment out red part

I mean, you change 3 files

sudo nano /opt/tomcat/conf/tomcat-users.xml

sudo nano /opt/tomcat/webapps/manager/META-INF/context.xml

sudo nano /opt/tomcat/webapps/host-manager/META-INF/context.xml

All the rest is same with link above

Just for uwf. To install

Sudo apt update

Sudo apt install ufw

Install mysql - https://dev.mysql.com/doc/mysql-apt-repo-quick-guide/en/#apt-repo-setup

you need to create directory basement in /home/admin/ ---/home/admin/basement and chmode 777 this directory

and you need to go to techMan.htm to create some files and folders

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jars for reading excel

poi-5.0.0.jar

poi-ooxml-full-5.0.0.jar

poi-ooxml-5.0.0.jar

commons-compress-1.20.jar

xmlsbeans-4.0.0.jar

add for writing also

commons-collections4-4.1

------------------

jars for connection pooling

commons-dbcp.jar

commons-pool.jar

mysql-connector-java-5.1.28-bin.jar

------------------

On AWS Instance Reboot or Restart public DNS changes,

so you need to reconfigure some things , besides changing href in berishvili.eu5.org

first, you need to reconfigure Putty connection (reenter new public address and reenter password( .pem file)

-----------------------------------------------------------

github token ghp\_FyOzrZJtsFWsWJHJq1Pad3pliJX3je2ZEaog

github push with token

git push https://ghp\_FyOzrZJtsFWsWJHJq1Pad3pliJX3je2ZEaog@github.com/boxm16/berishvili.git

WINDOWS INSTALATION

On windows instance make same inbound rules as for linux instance

When you create key for choose .pem

Then you need to decrypt key.

Then download remote Desctop client form connection tab of instance and enter the decrypted password

Install java 8

Install tomcat 9

Maket tomcat start automatiali on windows start (through services)

Open port 8080

In order to be able to enter tomcat manager remotely, you need to coment out <!-- <Valve className="org.apache.catalina.valves.RemoteAddrValve"

allow="127\.\d+\.\d+\.\d+|::1|0:0:0:0:0:0:0:1" /> -->

in tomcat/webapps/manager/META-INF/context.xml

rename server to “ amazon-server ”

create folder berishvili on c:

install mysql